

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040320AL\  
 Data File : FC046651.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Apr 2020 7:18  
 Sample : L2117-04  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.M  
 Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.543       | 3.517        | 3.562      | PV       | 871            | 9718         | 0.19%          | 0.005%        |
| 2         | 3.569       | 3.562        | 3.639      | VV       | 435            | 6853         | 0.13%          | 0.004%        |
| 3         | 3.679       | 3.661        | 3.692      | VV       | 275            | 3167         | 0.06%          | 0.002%        |
| 4         | 3.702       | 3.692        | 3.730      | VV       | 169            | 2959         | 0.06%          | 0.002%        |
| 5         | 3.744       | 3.730        | 3.782      | VV       | 194            | 3919         | 0.07%          | 0.002%        |
| 6         | 3.819       | 3.782        | 3.843      | PV       | 542            | 8502         | 0.16%          | 0.004%        |
| 7         | 3.865       | 3.843        | 3.891      | VV       | 206            | 4288         | 0.08%          | 0.002%        |
| 8         | 3.917       | 3.891        | 3.961      | VV       | 524            | 11360        | 0.22%          | 0.006%        |
| 9         | 3.991       | 3.961        | 4.008      | VV       | 492            | 7517         | 0.14%          | 0.004%        |
| 10        | 4.051       | 4.008        | 4.082      | VV       | 430            | 11103        | 0.21%          | 0.006%        |
| 11        | 4.096       | 4.082        | 4.107      | VV       | 633            | 5927         | 0.11%          | 0.003%        |
| 12        | 4.133       | 4.107        | 4.199      | VV       | 793            | 22204        | 0.42%          | 0.012%        |
| 13        | 4.213       | 4.199        | 4.224      | VV       | 579            | 5567         | 0.11%          | 0.003%        |
| 14        | 4.240       | 4.224        | 4.272      | VV       | 519            | 10040        | 0.19%          | 0.005%        |
| 15        | 4.281       | 4.272        | 4.294      | VV       | 294            | 3311         | 0.06%          | 0.002%        |
| 16        | 4.310       | 4.294        | 4.336      | VV       | 581            | 7614         | 0.15%          | 0.004%        |
| 17        | 4.342       | 4.336        | 4.356      | VV       | 125            | 1160         | 0.02%          | 0.001%        |
| 18        | 4.392       | 4.356        | 4.411      | VV       | 1085           | 18428        | 0.35%          | 0.010%        |
| 19        | 4.425       | 4.411        | 4.457      | VV       | 623            | 13097        | 0.25%          | 0.007%        |
| 20        | 4.462       | 4.457        | 4.508      | VV       | 442            | 6566         | 0.13%          | 0.003%        |
| 21        | 4.537       | 4.508        | 4.557      | VV       | 327            | 6481         | 0.12%          | 0.003%        |
| 22        | 4.580       | 4.557        | 4.592      | VV       | 344            | 5555         | 0.11%          | 0.003%        |
| 23        | 4.613       | 4.592        | 4.649      | VV       | 1992           | 24602        | 0.47%          | 0.013%        |
| 24        | 4.669       | 4.649        | 4.683      | VV       | 642            | 8034         | 0.15%          | 0.004%        |
| 25        | 4.692       | 4.683        | 4.717      | VV       | 539            | 6841         | 0.13%          | 0.004%        |
| 26        | 4.725       | 4.717        | 4.753      | VV       | 310            | 4534         | 0.09%          | 0.002%        |
| 27        | 4.775       | 4.753        | 4.805      | VV       | 826            | 14943        | 0.29%          | 0.008%        |
| 28        | 4.819       | 4.805        | 4.830      | VV       | 535            | 5448         | 0.10%          | 0.003%        |
| 29        | 4.864       | 4.830        | 4.886      | VV       | 1503           | 28138        | 0.54%          | 0.015%        |
| 30        | 4.903       | 4.886        | 4.935      | VV       | 689            | 12569        | 0.24%          | 0.007%        |
| 31        | 4.948       | 4.935        | 4.966      | VV       | 451            | 5194         | 0.10%          | 0.003%        |
| 32        | 4.985       | 4.966        | 4.992      | VV       | 449            | 5038         | 0.10%          | 0.003%        |
| 33        | 5.003       | 4.992        | 5.014      | VV       | 457            | 5154         | 0.10%          | 0.003%        |
| 34        | 5.028       | 5.014        | 5.062      | VV       | 913            | 14904        | 0.28%          | 0.008%        |
| 35        | 5.074       | 5.062        | 5.089      | VV       | 651            | 7500         | 0.14%          | 0.004%        |
| 36        | 5.099       | 5.089        | 5.122      | VV       | 716            | 8253         | 0.16%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.155 | 5.122 | 5.197 | VV | 439    | 10717  | 0.20% | 0.006% |
| 38 | 5.220 | 5.197 | 5.232 | PV | 540    | 5989   | 0.11% | 0.003% |
| 39 | 5.249 | 5.232 | 5.272 | VV | 920    | 14402  | 0.28% | 0.007% |
| 40 | 5.286 | 5.272 | 5.304 | VV | 733    | 11552  | 0.22% | 0.006% |
| 41 | 5.314 | 5.304 | 5.326 | VV | 458    | 5109   | 0.10% | 0.003% |
| 42 | 5.348 | 5.326 | 5.381 | VV | 1140   | 21005  | 0.40% | 0.011% |
| 43 | 5.388 | 5.381 | 5.416 | VV | 297    | 4982   | 0.10% | 0.003% |
| 44 | 5.429 | 5.416 | 5.441 | VV | 443    | 5648   | 0.11% | 0.003% |
| 45 | 5.454 | 5.441 | 5.484 | VV | 599    | 10418  | 0.20% | 0.005% |
| 46 | 5.498 | 5.484 | 5.507 | VV | 428    | 5327   | 0.10% | 0.003% |
| 47 | 5.546 | 5.507 | 5.567 | VV | 878    | 21122  | 0.40% | 0.011% |
| 48 | 5.577 | 5.567 | 5.591 | VV | 476    | 4858   | 0.09% | 0.003% |
| 49 | 5.606 | 5.591 | 5.625 | VV | 469    | 6419   | 0.12% | 0.003% |
| 50 | 5.646 | 5.625 | 5.676 | VV | 3953   | 49920  | 0.95% | 0.026% |
| 51 | 5.689 | 5.676 | 5.707 | VV | 1417   | 18217  | 0.35% | 0.009% |
| 52 | 5.721 | 5.707 | 5.755 | VV | 873    | 15014  | 0.29% | 0.008% |
| 53 | 5.766 | 5.755 | 5.772 | VV | 208    | 1826   | 0.03% | 0.001% |
| 54 | 5.790 | 5.772 | 5.819 | VV | 544    | 9797   | 0.19% | 0.005% |
| 55 | 5.844 | 5.819 | 5.877 | VV | 1172   | 23108  | 0.44% | 0.012% |
| 56 | 5.887 | 5.877 | 5.907 | VV | 402    | 5325   | 0.10% | 0.003% |
| 57 | 5.948 | 5.907 | 5.978 | VV | 1712   | 45895  | 0.88% | 0.024% |
| 58 | 5.994 | 5.978 | 6.016 | VV | 1667   | 21635  | 0.41% | 0.011% |
| 59 | 6.038 | 6.016 | 6.089 | VV | 968    | 22338  | 0.43% | 0.012% |
| 60 | 6.107 | 6.089 | 6.129 | VV | 753    | 9139   | 0.17% | 0.005% |
| 61 | 6.154 | 6.129 | 6.174 | PV | 841    | 15064  | 0.29% | 0.008% |
| 62 | 6.223 | 6.174 | 6.264 | VV | 4251   | 91559  | 1.75% | 0.048% |
| 63 | 6.281 | 6.264 | 6.319 | VV | 1494   | 32013  | 0.61% | 0.017% |
| 64 | 6.342 | 6.319 | 6.367 | VV | 1561   | 28471  | 0.54% | 0.015% |
| 65 | 6.396 | 6.367 | 6.411 | VV | 852    | 16668  | 0.32% | 0.009% |
| 66 | 6.424 | 6.411 | 6.442 | VV | 935    | 13244  | 0.25% | 0.007% |
| 67 | 6.472 | 6.442 | 6.489 | VV | 837    | 18990  | 0.36% | 0.010% |
| 68 | 6.505 | 6.489 | 6.529 | VV | 1007   | 13991  | 0.27% | 0.007% |
| 69 | 6.580 | 6.529 | 6.599 | VV | 1281   | 29771  | 0.57% | 0.015% |
| 70 | 6.621 | 6.599 | 6.646 | VV | 5209   | 61094  | 1.17% | 0.032% |
| 71 | 6.653 | 6.646 | 6.673 | VV | 1041   | 10381  | 0.20% | 0.005% |
| 72 | 6.710 | 6.673 | 6.724 | VV | 553    | 12457  | 0.24% | 0.006% |
| 73 | 6.738 | 6.724 | 6.751 | VV | 562    | 8229   | 0.16% | 0.004% |
| 74 | 6.768 | 6.751 | 6.796 | VV | 2809   | 34830  | 0.67% | 0.018% |
| 75 | 6.822 | 6.796 | 6.872 | VV | 1365   | 30329  | 0.58% | 0.016% |
| 76 | 6.903 | 6.872 | 6.927 | PV | 931    | 17729  | 0.34% | 0.009% |
| 77 | 6.950 | 6.927 | 6.974 | VV | 1079   | 21037  | 0.40% | 0.011% |
| 78 | 6.983 | 6.974 | 6.996 | VV | 676    | 8886   | 0.17% | 0.005% |
| 79 | 7.038 | 6.996 | 7.061 | VV | 2792   | 44703  | 0.85% | 0.023% |
| 80 | 7.072 | 7.061 | 7.088 | VV | 955    | 11888  | 0.23% | 0.006% |
| 81 | 7.133 | 7.088 | 7.164 | VV | 1899   | 48377  | 0.92% | 0.025% |
| 82 | 7.178 | 7.164 | 7.206 | VV | 1855   | 34134  | 0.65% | 0.018% |
| 83 | 7.218 | 7.206 | 7.247 | VV | 1831   | 32430  | 0.62% | 0.017% |
| 84 | 7.270 | 7.247 | 7.302 | VV | 8737   | 129176 | 2.47% | 0.067% |
| 85 | 7.317 | 7.302 | 7.332 | VV | 3393   | 40820  | 0.78% | 0.021% |
| 86 | 7.349 | 7.332 | 7.379 | VV | 1692   | 37773  | 0.72% | 0.020% |
| 87 | 7.401 | 7.379 | 7.457 | VV | 17455  | 222530 | 4.25% | 0.116% |
| 88 | 7.469 | 7.457 | 7.492 | VV | 883    | 15263  | 0.29% | 0.008% |
| 89 | 7.539 | 7.492 | 7.581 | VV | 8459   | 121131 | 2.32% | 0.063% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 90  | 7.596  | 7.581  | 7.612  | VV | 1303   | 16500  | 0.32% | 0.009% |
| 91  | 7.639  | 7.612  | 7.671  | VV | 1109   | 27235  | 0.52% | 0.014% |
| 92  | 7.728  | 7.671  | 7.741  | VV | 1512   | 36929  | 0.71% | 0.019% |
| 93  | 7.751  | 7.741  | 7.766  | VV | 1247   | 14037  | 0.27% | 0.007% |
| 94  | 7.776  | 7.766  | 7.812  | VV | 701    | 10057  | 0.19% | 0.005% |
| 95  | 7.988  | 7.964  | 8.042  | VV | 4937   | 131291 | 2.51% | 0.068% |
| 96  | 8.058  | 8.042  | 8.079  | VV | 2346   | 35499  | 0.68% | 0.018% |
| 97  | 8.100  | 8.079  | 8.123  | VV | 2371   | 42364  | 0.81% | 0.022% |
| 98  | 8.157  | 8.123  | 8.202  | VV | 5269   | 125176 | 2.39% | 0.065% |
| 99  | 8.239  | 8.202  | 8.305  | VV | 7427   | 251799 | 4.81% | 0.131% |
| 100 | 8.321  | 8.305  | 8.333  | VV | 1772   | 27635  | 0.53% | 0.014% |
| 101 | 8.356  | 8.333  | 8.372  | VV | 19350  | 218247 | 4.17% | 0.113% |
| 102 | 8.386  | 8.372  | 8.395  | VV | 11381  | 125453 | 2.40% | 0.065% |
| 103 | 8.403  | 8.395  | 8.464  | VV | 11202  | 195002 | 3.73% | 0.101% |
| 104 | 8.481  | 8.464  | 8.494  | VV | 7049   | 81166  | 1.55% | 0.042% |
| 105 | 8.544  | 8.494  | 8.571  | VV | 25703  | 442619 | 8.46% | 0.230% |
| 106 | 8.583  | 8.571  | 8.613  | VV | 3990   | 66753  | 1.28% | 0.035% |
| 107 | 8.631  | 8.613  | 8.674  | VV | 6028   | 94087  | 1.80% | 0.049% |
| 108 | 8.689  | 8.674  | 8.717  | VV | 1007   | 20243  | 0.39% | 0.011% |
| 109 | 8.836  | 8.816  | 8.862  | VV | 14436  | 216933 | 4.15% | 0.113% |
| 110 | 8.878  | 8.862  | 8.914  | VV | 5639   | 118675 | 2.27% | 0.062% |
| 111 | 8.938  | 8.914  | 8.974  | VV | 7781   | 136884 | 2.62% | 0.071% |
| 112 | 8.989  | 8.974  | 9.005  | VV | 2421   | 34880  | 0.67% | 0.018% |
| 113 | 9.020  | 9.005  | 9.039  | VV | 2057   | 29185  | 0.56% | 0.015% |
| 114 | 9.070  | 9.039  | 9.092  | VV | 4976   | 90812  | 1.74% | 0.047% |
| 115 | 9.114  | 9.092  | 9.169  | VV | 7056   | 171491 | 3.28% | 0.089% |
| 116 | 9.221  | 9.169  | 9.262  | VV | 9858   | 241718 | 4.62% | 0.125% |
| 117 | 9.280  | 9.262  | 9.332  | VV | 7256   | 123928 | 2.37% | 0.064% |
| 118 | 9.355  | 9.332  | 9.372  | VV | 1528   | 30069  | 0.57% | 0.016% |
| 119 | 9.394  | 9.372  | 9.413  | VV | 7242   | 86609  | 1.66% | 0.045% |
| 120 | 9.429  | 9.413  | 9.456  | VV | 4977   | 68295  | 1.31% | 0.035% |
| 121 | 9.486  | 9.456  | 9.499  | VV | 3519   | 54754  | 1.05% | 0.028% |
| 122 | 9.531  | 9.499  | 9.561  | VV | 5723   | 119816 | 2.29% | 0.062% |
| 123 | 9.580  | 9.561  | 9.590  | VV | 3350   | 46670  | 0.89% | 0.024% |
| 124 | 9.619  | 9.590  | 9.660  | VV | 29578  | 454548 | 8.69% | 0.236% |
| 125 | 9.695  | 9.660  | 9.725  | VV | 6208   | 157413 | 3.01% | 0.082% |
| 126 | 9.734  | 9.725  | 9.747  | VV | 2957   | 33193  | 0.63% | 0.017% |
| 127 | 9.767  | 9.747  | 9.807  | VV | 5694   | 132362 | 2.53% | 0.069% |
| 128 | 9.826  | 9.807  | 9.867  | VV | 3735   | 76334  | 1.46% | 0.040% |
| 129 | 9.886  | 9.867  | 9.907  | VV | 2575   | 40882  | 0.78% | 0.021% |
| 130 | 9.939  | 9.907  | 9.971  | VV | 6564   | 119829 | 2.29% | 0.062% |
| 131 | 9.995  | 9.971  | 10.021 | VV | 9720   | 145522 | 2.78% | 0.076% |
| 132 | 10.041 | 10.021 | 10.089 | VV | 4831   | 109352 | 2.09% | 0.057% |
| 133 | 10.102 | 10.089 | 10.154 | VV | 2095   | 50322  | 0.96% | 0.026% |
| 134 | 10.188 | 10.154 | 10.256 | VV | 1654   | 46133  | 0.88% | 0.024% |
| 135 | 10.279 | 10.256 | 10.292 | PV | 644    | 7087   | 0.14% | 0.004% |
| 136 | 10.351 | 10.292 | 10.364 | VV | 2756   | 53634  | 1.03% | 0.028% |
| 137 | 10.382 | 10.364 | 10.419 | VV | 5528   | 84683  | 1.62% | 0.044% |
| 138 | 10.431 | 10.419 | 10.441 | VV | 1218   | 12791  | 0.24% | 0.007% |
| 139 | 10.460 | 10.441 | 10.473 | VV | 4512   | 59763  | 1.14% | 0.031% |
| 140 | 10.497 | 10.473 | 10.517 | VV | 9210   | 149776 | 2.86% | 0.078% |
| 141 | 10.536 | 10.517 | 10.569 | VV | 8405   | 129847 | 2.48% | 0.067% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.612 | 10.569 | 10.652 | VV | 7990   | 148928  | 2.85%  | 0.077% |
| 143 | 10.670 | 10.652 | 10.699 | VV | 3087   | 56953   | 1.09%  | 0.030% |
| 144 | 10.731 | 10.699 | 10.757 | VV | 9922   | 150313  | 2.87%  | 0.078% |
| 145 | 10.806 | 10.757 | 10.817 | VV | 9112   | 196257  | 3.75%  | 0.102% |
| 146 | 10.825 | 10.817 | 10.869 | VV | 8573   | 139444  | 2.67%  | 0.072% |
| 147 | 10.882 | 10.869 | 10.897 | VV | 1686   | 23955   | 0.46%  | 0.012% |
| 148 | 10.914 | 10.897 | 10.934 | VV | 2485   | 32053   | 0.61%  | 0.017% |
| 149 | 10.949 | 10.934 | 10.966 | VV | 1083   | 16995   | 0.32%  | 0.009% |
| 150 | 11.020 | 10.966 | 11.074 | VV | 155240 | 1875191 | 35.85% | 0.974% |
| 151 | 11.097 | 11.074 | 11.166 | VV | 40951  | 616955  | 11.79% | 0.320% |
| 152 | 11.183 | 11.166 | 11.221 | VV | 2661   | 51491   | 0.98%  | 0.027% |
| 153 | 11.229 | 11.221 | 11.276 | VV | 959    | 15869   | 0.30%  | 0.008% |
| 154 | 11.325 | 11.276 | 11.346 | PV | 4977   | 72227   | 1.38%  | 0.037% |
| 155 | 11.361 | 11.346 | 11.391 | VV | 3406   | 63159   | 1.21%  | 0.033% |
| 156 | 11.431 | 11.391 | 11.463 | VV | 9695   | 165223  | 3.16%  | 0.086% |
| 157 | 11.543 | 11.463 | 11.581 | VV | 10773  | 238417  | 4.56%  | 0.124% |
| 158 | 11.608 | 11.581 | 11.632 | VV | 3450   | 44346   | 0.85%  | 0.023% |
| 159 | 11.673 | 11.632 | 11.710 | VV | 4789   | 86329   | 1.65%  | 0.045% |
| 160 | 11.766 | 11.710 | 11.794 | VV | 327834 | 3511147 | 67.13% | 1.823% |
| 161 | 11.819 | 11.794 | 11.835 | VV | 28777  | 336622  | 6.44%  | 0.175% |
| 162 | 11.851 | 11.835 | 11.896 | VV | 29540  | 392084  | 7.50%  | 0.204% |
| 163 | 11.935 | 11.896 | 11.954 | VV | 41247  | 587598  | 11.23% | 0.305% |
| 164 | 11.968 | 11.954 | 11.982 | VV | 19012  | 227776  | 4.35%  | 0.118% |
| 165 | 12.000 | 11.982 | 12.051 | VV | 24451  | 328263  | 6.28%  | 0.170% |
| 166 | 12.097 | 12.051 | 12.136 | VV | 10389  | 162271  | 3.10%  | 0.084% |
| 167 | 12.153 | 12.136 | 12.167 | VV | 1518   | 15107   | 0.29%  | 0.008% |
| 168 | 12.186 | 12.167 | 12.197 | VV | 1879   | 21917   | 0.42%  | 0.011% |
| 169 | 12.218 | 12.197 | 12.260 | VV | 4747   | 76307   | 1.46%  | 0.040% |
| 170 | 12.285 | 12.260 | 12.332 | PV | 10779  | 178121  | 3.41%  | 0.092% |
| 171 | 12.351 | 12.332 | 12.399 | VV | 9162   | 152936  | 2.92%  | 0.079% |
| 172 | 12.431 | 12.399 | 12.448 | VV | 1827   | 32575   | 0.62%  | 0.017% |
| 173 | 12.467 | 12.448 | 12.477 | VV | 2004   | 20591   | 0.39%  | 0.011% |
| 174 | 12.501 | 12.477 | 12.522 | VV | 2670   | 58104   | 1.11%  | 0.030% |
| 175 | 12.559 | 12.522 | 12.587 | VV | 3726   | 87649   | 1.68%  | 0.046% |
| 176 | 12.605 | 12.587 | 12.647 | VV | 7459   | 132736  | 2.54%  | 0.069% |
| 177 | 12.717 | 12.647 | 12.766 | VV | 25246  | 635654  | 12.15% | 0.330% |
| 178 | 12.779 | 12.766 | 12.794 | VV | 8523   | 110605  | 2.11%  | 0.057% |
| 179 | 12.803 | 12.794 | 12.812 | VV | 4916   | 47086   | 0.90%  | 0.024% |
| 180 | 12.838 | 12.812 | 12.900 | VV | 222506 | 2522373 | 48.22% | 1.310% |
| 181 | 12.929 | 12.900 | 12.944 | PV | 2249   | 32212   | 0.62%  | 0.017% |
| 182 | 12.979 | 12.944 | 13.005 | VV | 16794  | 239365  | 4.58%  | 0.124% |
| 183 | 13.026 | 13.005 | 13.071 | VV | 9854   | 205456  | 3.93%  | 0.107% |
| 184 | 13.084 | 13.071 | 13.107 | VV | 5666   | 71496   | 1.37%  | 0.037% |
| 185 | 13.137 | 13.107 | 13.159 | VV | 196966 | 2234743 | 42.72% | 1.160% |
| 186 | 13.183 | 13.159 | 13.207 | VV | 243792 | 2908690 | 55.61% | 1.510% |
| 187 | 13.222 | 13.207 | 13.282 | VV | 17395  | 282106  | 5.39%  | 0.146% |
| 188 | 13.309 | 13.282 | 13.326 | VV | 4839   | 70252   | 1.34%  | 0.036% |
| 189 | 13.343 | 13.326 | 13.381 | VV | 10511  | 146375  | 2.80%  | 0.076% |
| 190 | 13.407 | 13.381 | 13.437 | VV | 9495   | 155601  | 2.97%  | 0.081% |
| 191 | 13.458 | 13.437 | 13.482 | VV | 5979   | 82984   | 1.59%  | 0.043% |
| 192 | 13.491 | 13.482 | 13.502 | VV | 761    | 5845    | 0.11%  | 0.003% |
| 193 | 13.544 | 13.502 | 13.566 | PV | 6013   | 127187  | 2.43%  | 0.066% |
| 194 | 13.592 | 13.566 | 13.619 | VV | 16510  | 268767  | 5.14%  | 0.140% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.628 | 13.619 | 13.661 | VV | 3178   | 34576   | 0.66%  | 0.018% |
| 196 | 13.723 | 13.661 | 13.765 | PV | 41274  | 765943  | 14.64% | 0.398% |
| 197 | 13.780 | 13.765 | 13.799 | VV | 5002   | 64954   | 1.24%  | 0.034% |
| 198 | 13.829 | 13.799 | 13.853 | VV | 32506  | 422011  | 8.07%  | 0.219% |
| 199 | 13.872 | 13.853 | 13.912 | VV | 20583  | 330910  | 6.33%  | 0.172% |
| 200 | 13.927 | 13.912 | 13.942 | VV | 9786   | 122910  | 2.35%  | 0.064% |
| 201 | 13.970 | 13.942 | 13.984 | VV | 7827   | 167726  | 3.21%  | 0.087% |
| 202 | 14.001 | 13.984 | 14.024 | VV | 18603  | 243210  | 4.65%  | 0.126% |
| 203 | 14.043 | 14.024 | 14.107 | VV | 15573  | 242027  | 4.63%  | 0.126% |
| 204 | 14.160 | 14.107 | 14.181 | VV | 3197   | 77363   | 1.48%  | 0.040% |
| 205 | 14.192 | 14.181 | 14.208 | VV | 1742   | 17493   | 0.33%  | 0.009% |
| 206 | 14.222 | 14.208 | 14.239 | VV | 1429   | 15992   | 0.31%  | 0.008% |
| 207 | 14.258 | 14.239 | 14.274 | PV | 961    | 8171    | 0.16%  | 0.004% |
| 208 | 14.306 | 14.274 | 14.348 | VV | 3000   | 70241   | 1.34%  | 0.036% |
| 209 | 14.363 | 14.348 | 14.376 | VV | 1895   | 20344   | 0.39%  | 0.011% |
| 210 | 14.424 | 14.376 | 14.442 | VV | 8079   | 186484  | 3.57%  | 0.097% |
| 211 | 14.455 | 14.442 | 14.469 | VV | 8130   | 104705  | 2.00%  | 0.054% |
| 212 | 14.487 | 14.469 | 14.506 | VV | 9960   | 155106  | 2.97%  | 0.081% |
| 213 | 14.534 | 14.506 | 14.542 | VV | 6438   | 111485  | 2.13%  | 0.058% |
| 214 | 14.560 | 14.542 | 14.609 | VV | 9239   | 212457  | 4.06%  | 0.110% |
| 215 | 14.641 | 14.609 | 14.672 | VV | 13981  | 272689  | 5.21%  | 0.142% |
| 216 | 14.700 | 14.672 | 14.734 | VV | 22499  | 467196  | 8.93%  | 0.243% |
| 217 | 14.762 | 14.734 | 14.797 | VV | 7909   | 216113  | 4.13%  | 0.112% |
| 218 | 14.813 | 14.797 | 14.834 | VV | 5022   | 77310   | 1.48%  | 0.040% |
| 219 | 14.858 | 14.834 | 14.866 | VV | 4726   | 66469   | 1.27%  | 0.035% |
| 220 | 14.890 | 14.866 | 14.926 | VV | 7741   | 156143  | 2.99%  | 0.081% |
| 221 | 14.933 | 14.926 | 14.956 | VV | 2549   | 21417   | 0.41%  | 0.011% |
| 222 | 14.975 | 14.956 | 14.987 | PV | 9713   | 111787  | 2.14%  | 0.058% |
| 223 | 15.012 | 14.987 | 15.034 | VV | 105483 | 1341430 | 25.65% | 0.696% |
| 224 | 15.054 | 15.034 | 15.117 | VV | 94762  | 1333717 | 25.50% | 0.692% |
| 225 | 15.177 | 15.117 | 15.259 | VV | 16903  | 595966  | 11.39% | 0.309% |
| 226 | 15.272 | 15.259 | 15.287 | VV | 2233   | 29218   | 0.56%  | 0.015% |
| 227 | 15.326 | 15.287 | 15.342 | VV | 5376   | 110970  | 2.12%  | 0.058% |
| 228 | 15.361 | 15.342 | 15.383 | VV | 9798   | 144638  | 2.77%  | 0.075% |
| 229 | 15.413 | 15.383 | 15.437 | VV | 13395  | 221105  | 4.23%  | 0.115% |
| 230 | 15.467 | 15.437 | 15.512 | VV | 6315   | 184758  | 3.53%  | 0.096% |
| 231 | 15.545 | 15.512 | 15.576 | VV | 10228  | 182532  | 3.49%  | 0.095% |
| 232 | 15.597 | 15.576 | 15.618 | VV | 3372   | 51028   | 0.98%  | 0.026% |
| 233 | 15.638 | 15.618 | 15.659 | PV | 5758   | 73041   | 1.40%  | 0.038% |
| 234 | 15.686 | 15.659 | 15.706 | VV | 29000  | 392453  | 7.50%  | 0.204% |
| 235 | 15.723 | 15.706 | 15.758 | VV | 14102  | 220157  | 4.21%  | 0.114% |
| 236 | 15.784 | 15.758 | 15.807 | VV | 8807   | 166334  | 3.18%  | 0.086% |
| 237 | 15.831 | 15.807 | 15.840 | VV | 18598  | 237456  | 4.54%  | 0.123% |
| 238 | 15.851 | 15.840 | 15.896 | VV | 18018  | 319301  | 6.10%  | 0.166% |
| 239 | 15.916 | 15.896 | 15.946 | VV | 7353   | 104453  | 2.00%  | 0.054% |
| 240 | 15.976 | 15.946 | 15.985 | VV | 2777   | 46918   | 0.90%  | 0.024% |
| 241 | 16.003 | 15.985 | 16.017 | VV | 4607   | 63538   | 1.21%  | 0.033% |
| 242 | 16.044 | 16.017 | 16.064 | VV | 16312  | 237752  | 4.55%  | 0.123% |
| 243 | 16.079 | 16.064 | 16.090 | VV | 4184   | 55775   | 1.07%  | 0.029% |
| 244 | 16.122 | 16.090 | 16.146 | VV | 4948   | 130333  | 2.49%  | 0.068% |
| 245 | 16.158 | 16.146 | 16.172 | VV | 2763   | 23947   | 0.46%  | 0.012% |
| 246 | 16.201 | 16.172 | 16.211 | PV | 2478   | 34703   | 0.66%  | 0.018% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.218 | 16.211 | 16.224 | VV | 2195   | 13672   | 0.26%  | 0.007% |
| 248 | 16.271 | 16.224 | 16.306 | VV | 6768   | 152460  | 2.91%  | 0.079% |
| 249 | 16.362 | 16.306 | 16.402 | PV | 9776   | 330359  | 6.32%  | 0.172% |
| 250 | 16.427 | 16.402 | 16.441 | VV | 7183   | 126933  | 2.43%  | 0.066% |
| 251 | 16.455 | 16.441 | 16.469 | VV | 6168   | 87404   | 1.67%  | 0.045% |
| 252 | 16.485 | 16.469 | 16.502 | VV | 10621  | 155992  | 2.98%  | 0.081% |
| 253 | 16.526 | 16.502 | 16.551 | VV | 22554  | 369549  | 7.06%  | 0.192% |
| 254 | 16.578 | 16.551 | 16.596 | VV | 111382 | 1569322 | 30.00% | 0.815% |
| 255 | 16.605 | 16.596 | 16.661 | VV | 48630  | 736458  | 14.08% | 0.382% |
| 256 | 16.710 | 16.661 | 16.787 | VV | 27322  | 907760  | 17.35% | 0.471% |
| 257 | 16.848 | 16.787 | 16.877 | VV | 28390  | 752701  | 14.39% | 0.391% |
| 258 | 16.901 | 16.877 | 16.932 | VV | 70401  | 1063428 | 20.33% | 0.552% |
| 259 | 16.960 | 16.932 | 16.980 | VV | 95610  | 1325897 | 25.35% | 0.688% |
| 260 | 16.989 | 16.980 | 17.012 | VV | 36027  | 527659  | 10.09% | 0.274% |
| 261 | 17.063 | 17.012 | 17.089 | VV | 34588  | 913889  | 17.47% | 0.474% |
| 262 | 17.103 | 17.089 | 17.121 | VV | 16091  | 256691  | 4.91%  | 0.133% |
| 263 | 17.134 | 17.121 | 17.156 | VV | 12131  | 241517  | 4.62%  | 0.125% |
| 264 | 17.197 | 17.156 | 17.249 | VV | 21479  | 913422  | 17.46% | 0.474% |
| 265 | 17.261 | 17.249 | 17.284 | VV | 16231  | 315982  | 6.04%  | 0.164% |
| 266 | 17.333 | 17.284 | 17.382 | VV | 26901  | 1157526 | 22.13% | 0.601% |
| 267 | 17.395 | 17.382 | 17.409 | VV | 15681  | 218511  | 4.18%  | 0.113% |
| 268 | 17.440 | 17.409 | 17.466 | VV | 48658  | 940067  | 17.97% | 0.488% |
| 269 | 17.494 | 17.466 | 17.521 | VV | 19346  | 544845  | 10.42% | 0.283% |
| 270 | 17.540 | 17.521 | 17.558 | VV | 21384  | 401443  | 7.67%  | 0.208% |
| 271 | 17.581 | 17.558 | 17.600 | VV | 28863  | 538395  | 10.29% | 0.280% |
| 272 | 17.623 | 17.600 | 17.637 | VV | 28822  | 501436  | 9.59%  | 0.260% |
| 273 | 17.646 | 17.637 | 17.694 | VV | 23607  | 642407  | 12.28% | 0.334% |
| 274 | 17.735 | 17.694 | 17.742 | VV | 19726  | 521157  | 9.96%  | 0.271% |
| 275 | 17.760 | 17.742 | 17.784 | VV | 21083  | 481213  | 9.20%  | 0.250% |
| 276 | 17.801 | 17.784 | 17.831 | VV | 25420  | 608102  | 11.63% | 0.316% |
| 277 | 17.874 | 17.831 | 17.933 | VV | 54090  | 1838075 | 35.14% | 0.954% |
| 278 | 17.951 | 17.933 | 17.972 | VV | 27292  | 520127  | 9.94%  | 0.270% |
| 279 | 17.987 | 17.972 | 18.001 | VV | 20769  | 341825  | 6.53%  | 0.177% |
| 280 | 18.014 | 18.001 | 18.023 | VV | 27147  | 323184  | 6.18%  | 0.168% |
| 281 | 18.048 | 18.023 | 18.070 | VV | 47632  | 1001910 | 19.15% | 0.520% |
| 282 | 18.081 | 18.070 | 18.091 | VV | 32042  | 370255  | 7.08%  | 0.192% |
| 283 | 18.099 | 18.091 | 18.117 | VV | 29170  | 421035  | 8.05%  | 0.219% |
| 284 | 18.136 | 18.117 | 18.165 | VV | 29755  | 759034  | 14.51% | 0.394% |
| 285 | 18.194 | 18.165 | 18.209 | VV | 28988  | 682360  | 13.05% | 0.354% |
| 286 | 18.245 | 18.209 | 18.271 | VV | 51420  | 1435720 | 27.45% | 0.745% |
| 287 | 18.296 | 18.271 | 18.319 | VV | 55348  | 1252993 | 23.95% | 0.651% |
| 288 | 18.343 | 18.319 | 18.364 | VV | 75884  | 1481932 | 28.33% | 0.769% |
| 289 | 18.379 | 18.364 | 18.397 | VV | 43915  | 818950  | 15.66% | 0.425% |
| 290 | 18.420 | 18.397 | 18.445 | VV | 59069  | 1393252 | 26.64% | 0.723% |
| 291 | 18.470 | 18.445 | 18.482 | VV | 44636  | 911963  | 17.43% | 0.473% |
| 292 | 18.500 | 18.482 | 18.517 | VV | 45972  | 883816  | 16.90% | 0.459% |
| 293 | 18.530 | 18.517 | 18.554 | VV | 42104  | 849929  | 16.25% | 0.441% |
| 294 | 18.596 | 18.554 | 18.629 | VV | 78457  | 2236054 | 42.75% | 1.161% |
| 295 | 18.642 | 18.629 | 18.657 | VV | 39776  | 616415  | 11.78% | 0.320% |
| 296 | 18.705 | 18.657 | 18.724 | VV | 68297  | 2011950 | 38.46% | 1.045% |
| 297 | 18.735 | 18.724 | 18.758 | VV | 54157  | 978860  | 18.71% | 0.508% |
| 298 | 18.770 | 18.758 | 18.780 | VV | 43097  | 529484  | 10.12% | 0.275% |
| 299 | 18.803 | 18.780 | 18.814 | VV | 46650  | 886542  | 16.95% | 0.460% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 18.837 | 18.814 | 18.860 | VV | 64555  | 1498043 | 28.64%  | 0.778% |
| 301 | 18.883 | 18.860 | 18.947 | VV | 62377  | 2646536 | 50.60%  | 1.374% |
| 302 | 18.954 | 18.947 | 18.971 | VV | 48246  | 649798  | 12.42%  | 0.337% |
| 303 | 18.981 | 18.971 | 19.002 | VV | 49639  | 878370  | 16.79%  | 0.456% |
| 304 | 19.023 | 19.002 | 19.041 | VV | 54669  | 1168118 | 22.33%  | 0.606% |
| 305 | 19.061 | 19.041 | 19.070 | VV | 57418  | 928002  | 17.74%  | 0.482% |
| 306 | 19.100 | 19.070 | 19.128 | VV | 82977  | 2215516 | 42.36%  | 1.150% |
| 307 | 19.167 | 19.128 | 19.187 | VV | 63538  | 1942547 | 37.14%  | 1.009% |
| 308 | 19.233 | 19.187 | 19.259 | VV | 67774  | 2501128 | 47.82%  | 1.299% |
| 309 | 19.275 | 19.259 | 19.291 | VV | 61477  | 1097413 | 20.98%  | 0.570% |
| 310 | 19.304 | 19.291 | 19.324 | VV | 60424  | 1130664 | 21.62%  | 0.587% |
| 311 | 19.341 | 19.324 | 19.358 | VV | 57146  | 1091151 | 20.86%  | 0.567% |
| 312 | 19.377 | 19.358 | 19.410 | VV | 56393  | 1680155 | 32.12%  | 0.872% |
| 313 | 19.435 | 19.410 | 19.449 | VV | 54446  | 1207810 | 23.09%  | 0.627% |
| 314 | 19.486 | 19.449 | 19.514 | VV | 80967  | 2500161 | 47.80%  | 1.298% |
| 315 | 19.533 | 19.514 | 19.572 | VV | 68292  | 2207575 | 42.20%  | 1.146% |
| 316 | 19.630 | 19.572 | 19.674 | VV | 72246  | 3996384 | 76.40%  | 2.075% |
| 317 | 19.693 | 19.674 | 19.709 | VV | 65755  | 1352484 | 25.86%  | 0.702% |
| 318 | 19.754 | 19.709 | 19.792 | VV | 82190  | 3617553 | 69.16%  | 1.878% |
| 319 | 19.821 | 19.792 | 19.841 | VV | 86812  | 2322928 | 44.41%  | 1.206% |
| 320 | 19.862 | 19.841 | 19.908 | VV | 105986 | 3727113 | 71.25%  | 1.935% |
| 321 | 19.927 | 19.908 | 19.942 | VV | 97145  | 1851083 | 35.39%  | 0.961% |
| 322 | 19.960 | 19.942 | 20.006 | VV | 93989  | 3256778 | 62.26%  | 1.691% |
| 323 | 20.018 | 20.006 | 20.027 | VV | 82760  | 1030989 | 19.71%  | 0.535% |
| 324 | 20.045 | 20.027 | 20.083 | VV | 89619  | 2858492 | 54.65%  | 1.484% |
| 325 | 20.146 | 20.083 | 20.177 | VV | 108268 | 5230747 | 100.00% | 2.716% |
| 326 | 20.226 | 20.177 | 20.244 | VV | 121831 | 4236078 | 80.98%  | 2.199% |
| 327 | 20.255 | 20.244 | 20.273 | VV | 109237 | 1873248 | 35.81%  | 0.973% |
| 328 | 20.291 | 20.273 | 20.306 | VV | 106504 | 2022940 | 38.67%  | 1.050% |
| 329 | 20.323 | 20.306 | 20.344 | VV | 103018 | 2207301 | 42.20%  | 1.146% |
| 330 | 20.361 | 20.344 | 20.373 | VV | 92444  | 1564319 | 29.91%  | 0.812% |
| 331 | 20.414 | 20.373 | 20.425 | VV | 99197  | 2945745 | 56.32%  | 1.529% |
| 332 | 20.443 | 20.425 | 20.479 | VV | 96553  | 3008102 | 57.51%  | 1.562% |
| 333 | 20.489 | 20.479 | 20.564 | VV | 93123  | 4397966 | 84.08%  | 2.283% |
| 334 | 20.586 | 20.564 | 20.612 | VV | 89091  | 2395795 | 45.80%  | 1.244% |
| 335 | 20.624 | 20.612 | 20.649 | VV | 76431  | 1534959 | 29.34%  | 0.797% |
| 336 | 20.676 | 20.649 | 20.691 | VV | 77031  | 1803190 | 34.47%  | 0.936% |
| 337 | 20.712 | 20.691 | 20.732 | VV | 84864  | 1973437 | 37.73%  | 1.025% |
| 338 | 20.755 | 20.732 | 20.781 | VV | 83479  | 2335870 | 44.66%  | 1.213% |
| 339 | 20.794 | 20.781 | 20.814 | VV | 80230  | 1537433 | 29.39%  | 0.798% |
| 340 | 20.830 | 20.814 | 20.888 | VV | 79061  | 3178384 | 60.76%  | 1.650% |
| 341 | 20.908 | 20.888 | 20.919 | VV | 65127  | 1184223 | 22.64%  | 0.615% |
| 342 | 20.926 | 20.919 | 20.965 | VV | 64817  | 1631755 | 31.20%  | 0.847% |
| 343 | 20.988 | 20.965 | 21.009 | VV | 67431  | 1606424 | 30.71%  | 0.834% |
| 344 | 21.020 | 21.009 | 21.074 | VV | 58773  | 2166539 | 41.42%  | 1.125% |
| 345 | 21.105 | 21.074 | 21.129 | VV | 64186  | 1909194 | 36.50%  | 0.991% |
| 346 | 21.146 | 21.129 | 21.164 | VV | 56778  | 1139858 | 21.79%  | 0.592% |
| 347 | 21.183 | 21.164 | 21.218 | VV | 54951  | 1662556 | 31.78%  | 0.863% |
| 348 | 21.230 | 21.218 | 21.241 | VV | 46816  | 627536  | 12.00%  | 0.326% |
| 349 | 21.253 | 21.241 | 21.302 | VV | 47734  | 1538635 | 29.42%  | 0.799% |
| 350 | 21.324 | 21.302 | 21.357 | VV | 36418  | 1074341 | 20.54%  | 0.558% |
| 351 | 21.385 | 21.357 | 21.407 | VV | 33404  | 919909  | 17.59%  | 0.478% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rteres  |           |        |
| 352 | 21.441 | 21.407 | 21.472 | VV | 40460                   | 1287008 | 24.60%    | 0.668% |
| 353 | 21.481 | 21.472 | 21.504 | VV | 30448                   | 520211  | 9.95%     | 0.270% |
| 354 | 21.513 | 21.504 | 21.531 | VV | 27291                   | 396264  | 7.58%     | 0.206% |
| 355 | 21.565 | 21.531 | 21.582 | VV | 28839                   | 813768  | 15.56%    | 0.423% |
| 356 | 21.590 | 21.582 | 21.645 | VV | 29183                   | 883207  | 16.88%    | 0.459% |
| 357 | 21.661 | 21.645 | 21.698 | VV | 23139                   | 610264  | 11.67%    | 0.317% |
| 358 | 21.709 | 21.698 | 21.729 | VV | 19353                   | 295201  | 5.64%     | 0.153% |
| 359 | 21.739 | 21.729 | 21.751 | VV | 16923                   | 186947  | 3.57%     | 0.097% |
| 360 | 21.783 | 21.751 | 21.804 | VV | 19720                   | 469152  | 8.97%     | 0.244% |
| 361 | 21.834 | 21.804 | 21.846 | VV | 13609                   | 288450  | 5.51%     | 0.150% |
| 362 | 21.887 | 21.846 | 21.914 | VV | 15129                   | 533000  | 10.19%    | 0.277% |
| 363 | 21.953 | 21.914 | 21.994 | VV | 16563                   | 543334  | 10.39%    | 0.282% |
| 364 | 22.007 | 21.994 | 22.022 | PV | 5942                    | 50671   | 0.97%     | 0.026% |
|     |        |        |        |    | Sum of corrected areas: |         | 192605576 |        |

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